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PTO/SB/21 (01-03)

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TRANSMITTAL**FORM**

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Total Number of Pages in This Submission

| | |
|-------------------------|-------------------|
| Application / Conf. No. | 10/618,329 / 5287 |
| Filing Date | July 11, 2003 |
| First Named Inventor | Andy T. Nguyen |
| Examiner Name | Unknown |
| Art Unit | 2816 |
| Patent No. | |
| Attorney Docket Number | X-1464 US |

ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Amendment / Reply
 - Preliminary Amendment
 - After Final
 - Affidavit(s)/declaration(s)
- Extension of Time Request
- Change Status to LARGE ENTITY
- Express Abandonment Request
- Information Disclosure Statement
- Substitute PTO-1449(s)
IDS by Applicant (PTO/SB/08A)
- Certified Copy of Priority
Document(s)
- Response to Missing Parts/
Incomplete Application
 - Response to Missing
Parts under 37 CFR
1.52 or 1.53

- Assignment Papers
(with Recordation Cover Sheet)
- Declaration / Oath
- Drawing(s)
- Licensing-related Papers
- Petition
- To Convert a
Provisional Application
- Power of Attorney, Revocation
Change of Correspondence
Address
- Terminal Disclaimer
- Request for Refund

- After Allowance Communication
to
- Appeal Communication to Board
of Appeals and Interferences
- Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
- Status Letter
- Return Receipt Postcard
- Other Enclosure(s)
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of executed Declaration

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm or
Customer Number

Attn: Lois D. Gartier

24309

(Customer Number)

Reg. Number 40,941

Signature

Date

December 17, 2003

Charge any additional fees required/credit any overpayment
to our Deposit Account Number: 24-0040**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date December 17, 2003

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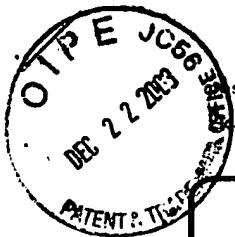
Pat Slaback

Signature

Date

December 17, 2003

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



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PTO/SB/05 (03-01)

 Approved for use through 10-31-2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

 Attorney Docket No. **X-1464 US**

First Inventor

Andy T. Nguyen

Title Counter-Based Clock Doubler Circuits and Methods with Optional Duty Cycle Correction and Offset

Express Mail Label No.

EV 000382256 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

 ADDRESS TO: Commissioner for Patents
 P.O. Box 1450; Mail Stop Patent Application
 Alexandria, Virginia 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages
 (preferred arrangement set forth below)]

34

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequent listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC 113) [Total Sheets

12

4. Oath or Declaration [Total Pages

01

a. Newly Executed (original or copy)

b. Copy from a prior application (37 CFR, §1.63(d))
 (for continuation/divisional with Box 17 completed)

i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting
 inventor(s) named in the prior application,
 see 37 CFR 1.63(d)(2) and 1.33(b).

5. Application Data Sheet. See 37 CFR 1.76

6. CD-ROM or CD-R in duplicate, large table or
 Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)

- a. Computer Readable Copy (CRC)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 8. Assignment Papers (cover sheet & document(s))
- 9. 37 CFR 3.73(b) Statement
 (when there is an assignee) Power of Attorney
- 10. English Translation Document (if applicable)
- 11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 12. Preliminary Amendment
- 13. Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
- 14. Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
- 15. Nonpublication Request under 35 U.S.C 122
 (b)(2)(B). Applicant must attach form PTO/SB/35
 or its equivalent.
- 16. Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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 or Correspondence address below

| | | | | | |
|---------|------------------------------|--------------|----------|--------------|--|
| Name | Attn: Lois D. Cartier | | | | |
| Address | | | | | |
| City | State | | Zip Code | | |
| Country | Telephone | 720-652-3733 | Fax | 408-377-6137 | |

| | | | |
|-------------------|------------------------|-----------------------------------|---------------|
| Name (Print/Type) | Lois D. Cartier | Registration No. (Attorney/Agent) | 40,941 |
|-------------------|------------------------|-----------------------------------|---------------|

| | | | |
|-----------|--|------|---------------|
| Signature | | Date | July 11, 2003 |
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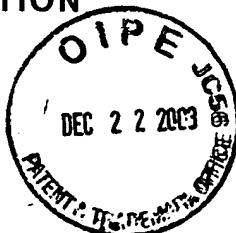
Inventor(s): Andy T. Nguyen

Assignee : XILINX, INC.

Title : Counter-Based Clock Doubler Circuits and Methods with Optional Duty Cycle Correction and Offset

Docket No.: X-1464 US

Enclosed:



COPY

34 page(s) Specification, which includes: 08 page(s) Claims and 1 page Abstract
12 page(s) Drawings - (formal) Figs.: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18
02 page(s) Application Data Sheet
01 page(s) Declaration [signed]
01 page(s) Assignment Recordation Cover Sheet (Assignment)
 Transmittal Letter and Fee Transmittal Sheet (IN DUPLICATE)
 Non-Publication Request
 Return Receipt Postcard
 Other: Substitute for Form 1449A/PTO citing one (1) reference; copy of reference

Date : July 11, 2003

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Mail Stop PATENT APPLICATION
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Inventory(s): Andy T. Nguyen

Assignee: XILINX, INC.

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